

PATENT ABSTRACTS OF JAPAN

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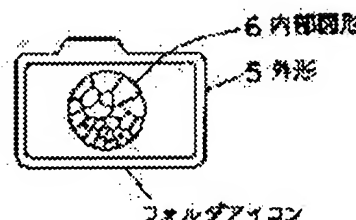
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(54) DATA AMOUNT DISPLAY DEVICE

(57)Abstract:

PURPOSE: To enables an information processor, which displays a folder icon showing the contents stored in a storage area and can show the contents when the icon is selected with a pointing device, to selects the folder icon and estimate the quantity of the storage contents without opening the folder.

CONSTITUTION: The inside figure 6 of the folder icon is changed corresponding to the quantity of the contents stored in the storage area that the folder icon indicates. Consequently, the inside figure 6 of the folder icon is only viewed to know the quantity of the contents stored in the storage area that the folder icon indicates without opening the folder icon.



LEGAL STATUS

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] This invention relates to the amount-of-data display which can display the amount of stored data of the file memorized in storage regions, such as a calculating machine, legible.

[0002]

[Description of the Prior Art] Generally, through actuation of selection of the icon currently displayed on the screen in the personal computer and workstation using GUI (Graphical User Interface), files memorized in each storage region, such as a data file and a program, are read, it can be made to be able to display on a display unit, or a corresponding instruction can be performed.

[0003] An icon (it is called a "folder icon") to show the content of the file memorized in the storage region is in said icon. In order to open a storage region (folder) using this folder icon, a predetermined folder icon is chosen with a pointing device among a series of folder icons displayed on the screen. Then, a series of folder icons of the next hierarchy appear, if actuation of choosing a predetermined folder icon with a pointing device out of this is continued, reading appearance of the files, such as a text file memorized, a graphic form file, and a data file, will be carried out eventually, and they will be displayed.

[0004] Therefore, a user can know the content of the file memorized by the folder through selection of a folder icon.

[0005]

[Problem(s) to be Solved by the Invention] By the way, a user has the case where he wants to know the data of the amount of which about are memorized by the folder memorized, when performing check of for example, the content of a folder, correction, and deletion. For example, although the predetermined folder was made to memorize data before, it is at if the content of each folder is checked one by one and time amount is insufficient, when you have forgotten which folder was made to memorize, if you want to know an intact folder, the time of saying.

[0006] However, since it has the configuration which can guess intuitively the content of the folder it indicates the folder icon to be such even case in the former, if a folder icon is chosen and there is nothing in open about a folder as mentioned above, the content of storage cannot be known. For this reason, there was a problem that actuation took time and effort and time amount.

[0007] Then, this invention only looks at the configuration of a folder icon, and aims at offering the amount-of-data display which can be known [the data of the amount of which about are memorized, and].

[0008]

[Means for Solving the Problem and its Function] The amount-of-data display according to claim 1 for attaining the aforementioned object is changed according to the quantity of the file memorized in the storage region where the folder icon concerned shows the configuration of a folder icon. According to this configuration, the quantity of the file memorized in the storage region where there is nothing with open Lycium chinense, and the folder icon concerned shows that folder icon can be guessed only by

seeing the configuration of a folder icon.

[0009] An amount-of-data display according to claim 2 presupposes that the appearance of said folder icon is eternal, and the quantity of the file memorized in the storage region which the folder icon concerned shows responds for increasing, and makes the internal graphic form of a folder icon fine. Since according to this configuration the appearance of a folder icon does not change, but the quantity of a file responds for increasing and an internal graphic form becomes fine, an indication which was in agreement with intuition of human being "there are so many numbers that a graphic form is fine" can be given.

[0010]

[Example] The accompanying drawing which shows an example below explains to a detail. Drawing 2 shows the appearance of the information processor with which this amount-of-data display is applied. The information processor is equipped with the body 1 of a control device with the function as a display-control means, CRT display device 2, the keyboard 3, and the mouse 4 that is a pointing device. Said mouse 4 has pushbutton switches 4a and 4b, and has come to be able to perform selection of the icon displayed on the display unit 2 by pushing these pushbutton switches 4a and 4b.

[0011] Drawing 3 shows an example of the display screen of said display unit 2. This display screen is displaying the icon corresponding to a predetermined item collectively, three left-hand side icons are folder icons for opening the folder memorized in the storage region, and five right-hand side icons show a general icon. In this example, a general icon is used in order to search the operating manual of an information processor.

[0012] Capacity used [among the whole storage region] to the field of the upper part of a screen (159.4MB) Empty capacity (1,118. five MB) An indication is given. Although the appearance 5 of a folder icon is eternal as compared with the folder icon (refer to drawing 4) which drawing 1 is the enlarged drawing of said folder icon, and is used conventionally, cell division of the round egg is carried out according to the quantity of the file memorized in the storage region which the folder icon concerned shows.

[0013] Drawing 5 is drawing showing the situation of division, when the number of the file included in a folder is less than one piece, it is a mere circle, but if it becomes two pieces, it will be divided into two. The number of partitions has increased as inner capacity increases. If it becomes 100 pieces, it will become the finest graphic form. If the function of the body 1 of a control unit to determine the number of partitions according to the inner capacity of a storage region as mentioned above is illustrated simply, it will become like drawing 6 . (1) which carries out counting of the quantity of the file of the storage region which the folder icon chosen first shows by drawing 6 . The quantity of the file in a folder is obtained because OS (operating system) has memorized as a numeric value or receives and carries out counting of the file chart from OS.

[0014] And (2) which determines the division graphic form according to this quantity . Use as the internal graphic form 6 the division graphic form determined at the end, and it is made to coalesce in the appearance 5 (to refer to drawing 4) registered beforehand, and displays on a display. (3) (refer to drawing 1) . Although the above is the content of the example, this invention is not restricted to said example. For example, the internal graphic form of an icon is [order] good in the number of leaves also as an increase or a tree to carry out, as shown not only in the example of cell division but in drawing 7 . Moreover, it may replace with a mouse 4 and a light pen, a trackball, a tablet, etc. may be used. In addition, it is possible to perform modification various in the range which does not change the summary of this invention.

[0015]

[Effect of the Invention] Since the inner capacity of each storage region was understood only by seeing an icon as mentioned above according to the amount-of-data display of claim 1, even if it chooses a folder icon and there is nothing in open about a folder, the amount of the content of storage can be guessed. In the case of claim 2, since especially the appearance of a folder icon does not change, but the quantity of a file responds for increasing and an internal graphic form becomes fine, an indication which was in agreement with intuition of human being "there are so many numbers that a graphic form is fine"

can be given. Moreover, since it does not change, the appearance of a folder icon is effective when the appearance of a folder icon which makes the content of the file guess intuitively has a meaning.

[Translation done.]